

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference SE/2-22920	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/EP2004/051427	International filing date (<i>day/month/year</i>) 09/07/2004	(Earliest) Priority Date (<i>day/month/year</i>) 18/07/2003
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051427

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07F9/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ISSLEIB, K.; PRIEBE, E.: "Darstellung und Charkterisierung disubstituierter Säurephosphide" CHEM. BER., vol. 92, 1959, pages 3183-3189, XP002260971 the whole document	1-13
A	PASS F ET AL: "ORGANISCHE VERBINDUNGEN DES PHOSPHORS. I. MITT. UEBER DIE DARSTELLUNG PRIMAERER PHOSPHINE DURCH REDUKTIVE METHODEN" MONATSCHEFTE FÜR CHEMIE, SPRINGER VERLAG. WIEN, AT, vol. 90, 1959, pages 148-156, XP009005184 ISSN: 0026-9247 cited in the application page 154	1-13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

09/11/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/051427

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/32612 A (HUG GEBHARD ;KAESER RENE (CH); CIBA SC HOLDING AG (CH); EICHENBERG) 8 June 2000 (2000-06-08) claim 2; examples 1-8,13-17; table 1 -----	1-13
A	EP 0 040 721 A (BASF AG) 2 December 1981 (1981-12-02) "Verfahren 1" page 6, line 1 - page 7, line 6; claim 2; table 1 -----	1,8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051427

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0032612	A	08-06-2000	AT 221893 T	15-08-2002
			AU 760237 B2	08-05-2003
			AU 1384500 A	19-06-2000
			CA 2349637 A1	08-06-2000
			CN 1328564 T	26-12-2001
			CZ 20011875 A3	12-09-2001
			DE 69902485 D1	12-09-2002
			DE 69902485 T2	08-05-2003
			WO 0032612 A1	08-06-2000
			EP 1135399 A1	26-09-2001
			ES 2180347 T3	01-02-2003
			JP 2002531460 T	24-09-2002
			SK 7272001 A3	03-12-2001
			TW 492972 B	01-07-2002
EP 0040721	A	02-12-1981	DE 3020092 A1	10-12-1981
			DE 3162760 D1	26-04-1984
			EP 0040721 A2	02-12-1981
			JP 1586065 C	31-10-1990
			JP 2009596 B	02-03-1990
			JP 57021395 A	04-02-1982